

**First AEROCOM model/satellite intercomparison meeting
Supported by CNES and the PHOENICS project (EU FP 5)**

Proposed schedule for the meeting

Monday, June 2

9:00 O. Boucher (Welcome and Logistics)
M. Schulz (AEROCOM – project and goals)

--- GROUND-data --- (provocateur M. Schulz)

9:30 J. Wilson (GAW Ground In-Situ data +IMPROVE)
C. Werli (GAW-radiation)

10:15 S. Kinne (AERONET and MFRSR data)

10:45-11:00 Coffee Break

11:00 V. Matthias (Profiling with EARLINET) (15min)
D. Mueller (Raman-Lidar Retrievals) (15min)

--- SATELLITE-data -- (provocateur F.M.Breon)-

11:30 R. Levy (MODIS) (20min)
J. Martonchik (MISR) (20min)
F.-M. Bréon (POLDER) (20min)

12:30-14:00 Lunch

14:00 O.Torres (TOMS) (15min)
G. de Leeuw (ATSR, GOME, OMI, TOMS) (15min)
G. Myhre (AVHRR) (15min)
C. Moulin (SeaWifs / Meteosat) (10min)
I. Chiapello (TOMS and Meteosat) (10min)
J.-F. Léon (??) (10min)

--- Data Consistency --

15:15 G. Myhre (satellite – satellite) (10min)
S. Kinne (satellite – ground) (10min)

15:30 General discussion “data”
quality, scaling, component-relevance (30min)

16:00-16:15 Coffee Break

--- *Global modeling* --- (provocateur I. Tegen)

16:15 M. Schulz (introduction to global aerosol models) (10min)

16:30 [overview of models participating in AEROCOM; unique features; strength of a given model; plans for near future (within a year) of model improvement; status of AEROCOM runs]
(6 slides / 10 minutes each)

Pitari	(UFAQ	Aquila, Italy)
Feichter (/ Stier)	(ECHAM5	MPI Hamburg, Germany)
Reddy / Boucher	(LOA	Lille, France)
Schulz / Balkanski	(LSCE	Paris, France)
Gong	(CCCMA	Toronto, Canada)
Takemura	(Sprintars	Kyushu, Japan)
Lesins (/ Lohmann)	(CCCMA	Dalhousie, Canada)
Penner	(IMPACT	Michigan, USA)
Fillmore(/Collins/Rasch)	(NCAR	Boulder,USA)
Myhre / Stordal	(CTM2	Oslo, Norway)
Tegen	(ECHAM5,	MPI Jena, Germany)

18:30 end of session

19:30 Joint dinner (place to be determined)

Tuesday, June 3

--- *Model and Data: the first comparisons* ---

9:00 J. Penner (IPCC 2001, lessons learned)

--- *Critical model evaluation, discussion of validation* ---

9:15 [presentation of individual model evaluations and assessment of model strength and weaknesses]
(6 slides / 10 minutes maximum)

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Penner	(IMPACT	Michigan, USA)

Fillmore(/Collins/Rasch) (NCAR Boulder,USA)
Myhre / Stordal (CTM2 Oslo, Norway)
Tegen (ECHAM5, MPI Jena, Germany)

11:00-11:15 *Coffee Break*

11:15 S. Kinne (initial look at model consistencies)
M. Schulz (first results of AEROCOM)
(mass, aot, size, absorption, vert. distribution)

12:00 Panel discussion on model output (with input from data-groups)

12:30-14:00 *Lunch Break*

14:00-16:00 **Working groups**

Working group 1 (models)

Suggested Topics:

- (requested) output
- nudged simulations (ECWMF-data?)
- (prescribed) year 2000 sources
- (prescribed) experiments
- feedback set-up
- website
- timeline

Working group 2 (data)

Suggested Topics:

- prime locations
- prime overpass times
- regional representation
- share work via delegation
- establish best data-sets
- (aerosol size, composition, concentration, vertical distribution)
- timeline

16:00 – 16:15 *Coffee Break*

16:15 **Summary of working groups**

16:45 **Remaining Issues**

Future timeline

- Workshops / Meetings
- Publication (?) / PR
- Expansion (chemistry)

17:30 **Adjourn**